



west virginia department of environmental protection

Division of Air Quality
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Jim Justice, Governor
Austin Caperton, Cabinet Secretary
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MEMORANDUM

To: File
From: William T. Rothwell II
Date: April 7, 2017
Subject: Atlantic Coast Pipeline, LLC - Long Run M&R Station - Randolph County, WV
ID #: 083-00137
APP #: PD17-011

WELL PAD INFORMATION:

The above subject station includes four line heaters and two thermoelectric non-emergency generators (TEG) each rated at 55 kW. There are no flares, compressor engines, condensate tanks or condensate truck loading associated with this facility and source aggregation to determine major source and PSD is not applicable to this site due to the fact that the subject well pad is not considered to be on contiguous or adjacent to other Antero properties in the area.

The applicant is not subject to 45CSR6, 45CSR10, 45CSR13, 40CFR63 Subpart ZZZZ, 40CFR60 Subpart JJJJ, 40CFR60 Subpart OOOO, 40CFR60 Subpart Kb, 45CSR14, 45CSR19, or 45CSR30.

The uncontrolled emissions were calculated by the applicant using ProMax 3.2 and EPA AP-42 Emission Factors and were reviewed by the writer for accuracy. The emissions from the line heaters and the TEGs combined are as follows:

<u>Pollutant</u>	<u>LB/HR</u>	<u>TPY</u>
PM	0.29	1.29
PM ₁₀	0.29	1.29
VOCs	0.44	1.95
CO	3.73	16.33
NOx	3.99	17.47
HAPs	0.09	0.38

RECOMMENDATION:

The emission rates of regulated pollutants are below the emission limits of six (6) lb/hr and ten (10) TPY; 144 pounds per calendar day; 2 lb/hr or 5 TPY of HAPs set forth set forth in 45CSR13. The installation will not trigger a substantive requirement of any State or Federal air quality regulation. Therefore, a permit is not required by this Division for the operation of the above station.



William T. Rothwell II, P.E.
Engineer

4/7/17

Date